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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577,323	12/06/2006	Kazushi Katagiri	290089US0X PCT	4963
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OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, L.L.P.			EXAMINER	
1940 DUKE STREET			SAHA, BIJAY S	
ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER
			1793	
NOTIFICATION DATE	DELIVERY MODE			
10/28/2009	ELECTRONIC			

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Advisory Action Before the Filing of an Appeal Brief		Application No. 10/577,323	Applicant(s) KATAGIRI ET AL.
		Examiner BIJAY S. SAHA	Art Unit 1793
<p>– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –</p> <p>THE REPLY FILED 19 October 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.</p> <p>1. <input checked="" type="checkbox"/> The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:</p> <p>a) <input checked="" type="checkbox"/> The period for reply expires <u>3</u> months from the mailing date of the final rejection.</p> <p>b) <input type="checkbox"/> The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.</p> <p>Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).</p> <p>Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p> <p>NOTICE OF APPEAL</p> <p>2. <input type="checkbox"/> The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).</p> <p>AMENDMENTS</p> <p>3. <input type="checkbox"/> The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because</p> <p>(a) <input type="checkbox"/> They raise new issues that would require further consideration and/or search (see NOTE below);</p> <p>(b) <input type="checkbox"/> They raise the issue of new matter (see NOTE below);</p> <p>(c) <input type="checkbox"/> They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or</p> <p>(d) <input type="checkbox"/> They present additional claims without canceling a corresponding number of finally rejected claims.</p> <p>NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).</p> <p>4. <input type="checkbox"/> The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).</p> <p>5. <input type="checkbox"/> Applicant's reply has overcome the following rejection(s): _____. </p> <p>6. <input type="checkbox"/> Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).</p> <p>7. <input checked="" type="checkbox"/> For purposes of appeal, the proposed amendment(s): a) <input type="checkbox"/> will not be entered, or b) <input checked="" type="checkbox"/> will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.</p> <p>The status of the claim(s) is (or will be) as follows:</p> <p>Claim(s) allowed: _____</p> <p>Claim(s) objected to: _____</p> <p>Claim(s) rejected: <u>17, 18, 25, 26, 33, 34, 41 and 42</u></p> <p>Claim(s) withdrawn from consideration: _____</p> <p>AFFIDAVIT OR OTHER EVIDENCE</p> <p>8. <input type="checkbox"/> The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).</p> <p>9. <input type="checkbox"/> The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fail to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).</p> <p>10. <input type="checkbox"/> The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.</p> <p>REQUEST FOR RECONSIDERATION/OTHER</p> <p>11. <input checked="" type="checkbox"/> The request for reconsideration has been considered but does NOT place the application in condition for allowance because: <u>See Continuation Sheet</u></p> <p>12. <input type="checkbox"/> Note the attached <i>Information Disclosure Statement(s)</i>. (PTO/SB/08) Paper No(s). _____</p> <p>13. <input type="checkbox"/> Other: _____</p> <p>/Melvin Curtis Mayes/ Supervisory Patent Examiner, Art Unit 1793</p>			

Continuation of 11. does NOT place the application in condition for allowance because: Applicants argue about "the knead dispersed material". JP'256 teaches a carbon nanotube composite material(Title), (a) comprising a process of kneading and dispersing a (i) metal powder (para 0013) and (ii) carbon nanotubes (example 1 para 0014, 0.5 to 5 μ m in length considered long).

Applicants argue about the "plasma without sintering". Further, JP '648 teaches application of discharge plasma in a clamped configuration (pressure 400kgf/cm² para 0075 being applied between the punches in a die as shown in Fig 2), allowing pulse current while pressing the knead-dispersed material between punches in a die (Fig 3, part # 1-4). This results in a green body which is not necessarily a sintered body. Examiner considers green body to be homogeneous compact body that has low defects. A green body is subsequently sintered by the application of suitable high temperature which is achieved subsequently, as JP '648 teaches, to obtain a brown body from the green body.

Applicants argue about the operating or claimed temperature and pressure. JP '648 teaches temperatures in the ranges of 300C to 1500C and pressures in the range of 0.1 to 20 tf/cm.

Applicants argue about the "continuously loading"; "temperature raising rate was 100C/min and 60 PMa". Examiner points out that the claims are drawn to "a method of producing a carbon nano tube dispersed in a composite material". The temperature or the pressure limitations do not have any limitation whether the claimed pressure and temperature targets were obtained by abrupt or continuous increase; claims are not drawn to a temperature or pressure rate per unit time.